



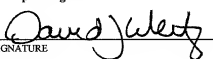
520 Rec'd PCT/PTO 29 OCT 1999

PCT

FORM PTO-101 (REV 10-95)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 20700-703
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, use 37 CFR 1.51) 09/423100
INTERNATIONAL APPLICATION NO. PCT/CN98/00052	INTERNATIONAL FILING DATE 31 March 1998 (31.03.98)	PRIORITY DATE CLAIMED	
TITLE OF INVENTION CHIMERIC PROTEIN CONTAINING AN INTRAMOLECULAR CHAPERONE-LIKE SEQUENCE AND ITS APPLICATION TO INSULIN PRODUCTION			
APPLICANT(S) FOR DO/EO/US Tonghua Gantech Biotechnology Ltd.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 37(b) and PCT Articles 22 and 39(1).4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> has been transmitted by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).7. <input type="checkbox"/> Amendments to claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> have been transmitted by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
Items 11. to 16. below concern document(s) or information included:			
<ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.14. <input type="checkbox"/> A substitute specification.15. <input type="checkbox"/> A change of power of attorney and/or address letter.16. <input checked="" type="checkbox"/> Other items or information: Copy of International Search Report			

page 1 of 2

420 Rec'd PCT/PTO 29 OCT 1999

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not Yet Assigned 094,23100		INTERNATIONAL APPLICATION NO. PCT/CN98/00052		ATTORNEY'S DOCKET NUMBER 20700-703																																																																																	
17. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$930.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$720.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO .. \$1070.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$98.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY <hr/> <div style="border: 1px solid black; padding: 2px;">\$ 1070.00</div> <hr/> <div style="border: 1px solid black; padding: 2px;">\$ 130.00</div> <hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>53- 20 =</td> <td>33</td> <td>X \$18.00</td> <td>\$ 594.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>X \$78.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>0 x \$260.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1794.00</td> <td></td> </tr> <tr> <td colspan="4">Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL =</td> <td>\$ 1794.00</td> <td></td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">TOTAL NATIONAL FEE =</td> <td>\$1794.00</td> <td></td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED =</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4" rowspan="2"></td> <td style="text-align: center;">Amount to be:</td> <td></td> </tr> <tr> <td style="text-align: center;">refunded</td> <td>\$</td> </tr> <tr> <td colspan="4" rowspan="2"></td> <td style="text-align: center;">charged</td> <td>\$</td> </tr> </tbody> </table>		CLAIMS	NUMBER	NUMBER EXTRA	RATE			Total claims	53- 20 =	33	X \$18.00	\$ 594.00		Independent claims	3 - 3 =	0	X \$78.00	\$		MULTIPLE DEPENDENT CLAIM(S) (if applicable)			0 x \$260.00	\$		TOTAL OF ABOVE CALCULATIONS =				\$ 1794.00		Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$		SUBTOTAL =				\$ 1794.00		Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$		TOTAL NATIONAL FEE =				\$1794.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$		TOTAL FEES ENCLOSED =				\$						Amount to be:		refunded	\$					charged	\$
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				a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-2415 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 23-2415. A duplicate of this sheet is enclosed.																																																																																	
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																																																																					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> SEND ALL CORRESPONDENCE TO: Wilson, Sonsini, Goodrich & Rosati 650 Page Mill Road Palo Alto, California 94304-1050 (650) 493-9300 </div> <div style="width: 50%; text-align: center;">  _____ SIGNATURE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> _____ NAME 38,362 _____ REGISTRATION NUMBER </div> <div style="width: 50%;"></div> </div>																																																																																					

09/423100

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Attorney Docket No. 20700-703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT APPLICATION</u>
)	
Inventor(s): Zhong-Ru Gan)	
)	Group Art Unit: Not yet assigned
Application No.: Not yet assigned)	
)	Examiner: Not yet assigned
Filed: Herewith)	
)	
Title: CHIMERIC PROTEIN CONTAINING)	
AN INTRAMOLECULAR)	
CHAPERONE-LIKE SEQUENCE)	
AND ITS APPLICATION TO)	
INSULIN PRODUCTION)	
)	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This Preliminary Amendment is submitted with the above-referenced application.

Please amend the application as follows:

IN THE TITLE

Please delete the title and insert --CHAPERONE MEDIATED PROTEIN FOLDING METHOD--.

IN THE CLAIMS

Please cancel claims 1-77.

Please add the following new claims --